

AP3 Rec'd PCT/PTO 14 JUN 2006

IN THE UNITED STATES RECEIVING OFFICE (RO/US)
Designated/Elected Office (DO/EO/US)

U.S. National Stage of
International Application No.: PCT/GB2004/005255
International Filing Date: 14 December 2004
Earliest Priority Date: 15 December 2003
Applicants: Adrian James Cable, Edward Buckley and Nicholas Alexander
Lawrence
Title: VIEWING ANGLE ENHANCEMENT FOR HOLOGRAPHIC
DISPLAYS
Attorney's Docket No.: 3808.1003-000

Date: 14 JUNE 2006

EXPRESS MAIL LABEL NO. EV214883403US

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.129(a), or
(First/Second submission after Final Rejection)
- ☒ under 37 CFR 1.97(b), or
(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).
- ☐ under 37 CFR 1.97(c) together with either:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, or
- ☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, and
- ☐ a \$180.00 fee under 37 CFR 1.17(p), or
(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)
- ☐ under 37 CFR 1.97(i):
Applicant requests that the IDS and cited reference(s) be placed in the application
filewrapper.
(Filed after payment of issue fee)

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Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- ☒ Enclosed herewith is form PTO-1449:
- ☒ Copies of the cited references are enclosed.
- ☒ Copies of issued U.S. patents and published U.S. applications are not required and are not being provided.
- ☐ Copies of the cited references are enclosed except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
- ☒ The listed references [A1, B1, C1-C3] were cited in the enclosed International Search Report in a counterpart foreign application.
- ☐ The "concise explanation" requirement (non-English references) for reference(s) [] under 37 CFR 1.98(a)(3) is satisfied by:
- ☐ the explanation provided on the attached sheet.
- ☐ the explanation provided in the Specification.
- ☐ submission of the enclosed International Search Report.
- ☐ submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
- ☐ the enclosed English language abstract.

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☐ Applicant requests that the following non-published pending applications be considered:

Examiner's
Initials

____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []
____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []
____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

Examiner_____
Date

- ☐ A copy of each above-cited application, including the current claims, is enclosed, except any application filed on or after June 30, 2003, which has been scanned into the PTO's Image File Wrapper (IFW) system and is available to the examiner.
- ☐ A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

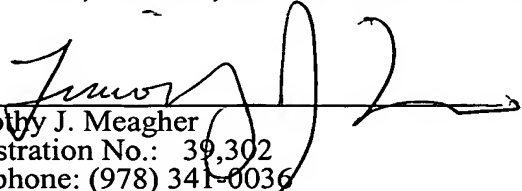
Method of payment:

- ☐ A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.
- ☐ Please charge Deposit Account 08-0380 in the amount of \$[]. A copy of this Statement is enclosed.
- ☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By



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Concord, MA 01742-9133
Dated: 6/14/06

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AP388-UPCT/P10-4 JUN 2006

Sheet 1 of 3

PTO-1449 REPRODUCED INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION June 14, 2006 (Use several sheets if necessary)	ATTORNEY DOCKET NO. 3808.1003-000	U.S. NATIONAL STAGE OF PCT APPLICATION NO. PCT/GB2004/005255
FIRST NAMED INVENTOR Adrian James Cable		FILING DATE
EXAMINER		CONFIRMATION NO. GROUP

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
	A1	5,914,802	June 22, 1999	Stappaerts, et al.
	A2			
	A3			
	A4			
	A5			
	A6			
	A7			
	A8			
	A9			
	A10			
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	A25			

EXAMINER	DATE CONSIDERED
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PTO-1449 REPRODUCED INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION June 14, 2006 (Use several sheets if necessary)	ATTORNEY DOCKET NO. 3808.1003-000		U.S. NATIONAL STAGE OF PCT APPLICATION NO. PCT/GB2004/005255	
	FIRST NAMED INVENTOR Adrian James Cable		FILING DATE	
	EXAMINER		CONFIRMATION NO.	GROUP

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO	
	B1	EP 0 450 644 A2	October 9, 1991	Matsushita Electric Industrial Co., Ltd.		
	B2	WO 2005/059660 A2	June 30, 2005	Cambridge University Technical Services Limited		
	B3					
	B4					
	B5					
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PTO-1449 REPRODUCED INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION June 14, 2006 (Use several sheets if necessary)	ATTORNEY DOCKET NO. 3808.1003-000		U.S. NATIONAL STAGE OF PCT APPLICATION NO. PCT/GB2004/005255	
	FIRST NAMED INVENTOR Adrian James Cable		FILING DATE	
	EXAMINER		CONFIRMATION NO.	GROUP

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
C1	Amako, J., <i>et al.</i> , "Wave-front Control Using Liquid-Crystal Devices," Applied Optics, 32(23):4323-4329 (1993).	
C2	Fukaya, Naoki, <i>et al.</i> , "Improved Electroholographic Display Using Liquid Crystal Devices to Shorten the Viewing Distance with Both-Eye Observation," Optical Engineering, Soc. of Photo-Optical Instrumentation Engineers, 35(6):1545-1549 (1996).	
C3	Sato, K., "Characteristics of Kinoform by LCD and its Application to Display the Animated Color 3D Image," Practical Holography VIII, 2176:42-49 (1994).	
C4		
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EXAMINER	DATE CONSIDERED
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